



COMING EVENTS

MAY

4 FRIDAY

Postponed
Chemistry

8 TUESDAY

Seminar
Science

9 WEDNESDAY

Colloquium
Chemistry

10 THURSDAY

Lecture
Medicine

Seminar
Medicine

11 FRIDAY

Colloquium
Chemistry

12 SATURDAY

Music

"Dynamics of Chain Molecules". Prof. W. H. Stockmayer, Dartmouth College. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry)

"Cellular Structure and Rate-Sensitive Deformation of Lead". Prof. T. H. Alden, Department of Metallurgy, UBC. 116 Wallberg Building. 3.45 p.m. (Materials Science)

"Oxygen-carrying Metal Complexes". Prof. L. Vaska, Clarkson College of Technology. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry)

"The Molecular Basis of Antibody Specificity". Dr. J. R. Knowles, Department of Chemistry, Oxford University. 3154 Medical Sciences Building. 4 p.m. (SCS and Biochemistry)

"Structural and Biochemical Observations on Intercellular Junctions". Dr. Daniel Goodenough, Harvard Medical School. 417 Best Institute. 2 p.m. (Banting and Best)

"The Energetics of Enzyme Catalysis: Triosephosphate Isomerase". Dr. J. R. Knowles, University of Oxford. 158 Lash Miller Chemical Laboratories. 4 p.m. (Chemistry)

Opera Department production of *Prisoners Play*, MacMillan Theatre. 2 p.m. and 4 p.m. Other performances on May 14, 15, 16, 17, 18, 19 at 2 p.m.

Safety record is much better in first quarter

James H. Murphy, Chief Safety Officer, reports a substantial improvement in the University's safety record during the first quarter of 1973.

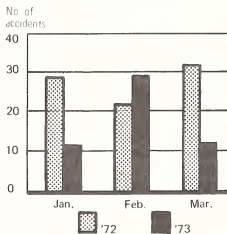
"Comparing January, February and March of 1972 with the same months of 1973, there has been a reduction of almost 40% in total compensable injuries (Lost Time and Medical Aid cases)", Mr. Murphy said. "The actual numbers were 83 compensable injuries in the first quarter of 1972 compared with 52 for 1973.

"However, gains can be easily lost, as happened in February, unless everyone maintains a high level of safety and hazard awareness.

"J. Peter Gordon, President of the Steel Company of Canada Ltd., said recently, 'Man's delusion of immortality and indestructibility provides a major stumbling block to the effectiveness of accident prevention programs'.

"All of us feel we have absolute control over everything we do but accidents continue to occur and the injured is always surprised that it happened to him. Our performance in January and March shows what can be done, but we must never lose sight of our continuing safety objectives".

Number of Compensable Accidents for First Three Months of 1972 and 1973



Going to London?

Members of the academic staff who plan to visit London between June 1 and November may find it useful to have their names, departments, and London mailing addresses on a list of academic visitors circulated each year by the Association of Commonwealth Universities. Deadline is May 22 for receipt of this information by T. Craig of the A.C.U., 36 Gordon Square, London WC1H 0PF. An alternative would be to visit Gordon Square on arrival and sign the Visitors' Book.

Results of Spring elections are announced by SGS Council

Summary of the Minutes, Council of the School of Graduate Studies, April 17, 1973:

Report of the Dean

1. Applications for admission received in the School:

	April 15 1973	April 15 1972
Division I	1876	1966
Division II	2900	2953
Division III	1232	1306
Division IV	823	660
Totals	6831	6885

2. Council Election Results - Spring 1973:

Elected

Division I: Faculty: A. Saddlemeyer (Drama), E. Catholy (German). Students: Allan Breismaster (English), B. E. Wall (His. & Phil. of Sc. & Tech.).

Division II: Faculty: W. F. Berns (Political Economy), F. G. Halpenny (Library Science). Student: F. L. Fletcher (Management Studies).

Division III: Faculty: R. S. C. Cobbold (Bio-Medical Electronics), W. H. Rapson (Chem. Engineering). Students: M. D. Costa (Chemistry), D. J. Wren (Chemistry).

Division IV: Faculty: H. E. Johns (Medical Biophysics), B. Cinader (Immunology). Students: No candidates nominated.

Byron Wall tendered his resignation to Council. He will not be returning to the University of Toronto next year.

Disciplinary Nominating Committee Reports

Council received, for information, the Reports of the Nominating Committees as approved by the Divisions:

Division I: Associate Dean: R. A. Spencer (History);

Executive Committee: Faculty: W. F. Blissett* (English); E. Catholy* (German); J. B. Conacher* (History); J. F. Flinn* (French); C. Hamlin (Comparative Literature); J. M. Rist* (Classical Studies); A. Saddlemeyer* (Drama); A. K. Warder (Sanskrit & Indian Studies); J. W. Wevers (Near Eastern Studies); F. E. Winter (History of Art); Assessors: S. B. Chandler (Italian & Hispanic Studies); L. M. Kenny (Islamic Studies); Students: Allan Briesmaster* (English); B. E. Wall* (Hist. & Phil. of Sc. & Tech.).

Degree Committee: H. E. Bowman (Slavic Languages & Literatures); J. F. Burke (Italian & Hispanic Studies); J. M. Estes (History); E. W. Domville (English); L. Klein (Music); R. W. Leckie (Medieval Studies); T. H. Levere (History & Philosophy of Sc. & Tech.); B. K. Matilal (Sanskrit & Indian Studies); A. H. C. Ward (East Asian Studies); F. F. Wikon (Philosophy);

(Continued overleaf)

SGS Council election results

(Continued from page 1)

Assessors: M. E. Marmura (Islamic Studies); H. Rogers (Linguistic Studies).
Division II:

Executive Committee: Faculty: W. F. Berns* (Political Economy); W. A. Bourke (Social Work); W. P. Carstens (Anthropology); J. L. J. Edwards (Criminology); F. G. Halpenny* (Library Science); H. K. Nishio* (Sociology); J. Spelt* (Geography); G. Hodge* (Urban and Regional Planning); J. G. Scott* (Educational Theory); W. R. Waters (Management Studies); Student: F. L. Fletcher* (Management Studies).

Degree Committee: R. B. Drewitt (Anthropology); I. M. Drummond (Political Economy); E. R. Godfrey (Social Work); J. Hitchcock (Urban & Regional Planning); O. W. Main (Management Studies); D. Mendes da Costa (Law); I. K. McLean (Library Science); D. A. Roberts (Educational Theory); J. Simmons (Geography); J. L. Turk (Sociology).

Division III:

Executive Committee: Faculty: G. Burns (Chemistry); R. S. C. Cobbold* (Electrical Engineering); D. G. Cornell (Computer Science); R. G. Fenton (Mechanical Engineering); W. H. Rapson* (Chemical Engineering); H. S. Ribner* (Aerospace); S. H. Smith* (Mathematics); J. G. C. Templeton (Industrial Engineering); S. M. Uzu-meri* (Civil Engineering); H. W. Taylor* (Physics); Students: M. D. Costa* (Chemistry); B. F. Madore (Astronomy); D. J. Wren (Chemistry).

Degree Committee: E. P. Botta (Mathematics); M. J. Clement (Astronomy); M. M. Davis (Civil Engineering); A. J. Kravetz (Electrical Engineering); R. List (Physics); D. Mackay (Chemical Engineering); G. H. Schmid (Chemistry); P. A. Sullivan (Aerospace); E. V. Swenson (Computer Science); B. Tabarok (Mechanical Engineering).

Division IV: Associate Dean: Leonard Butler (Zoology) — Renewal.

Executive Committee: Faculty: G. H. Beaton* (Hygiene); B. Cinader* (Immunology); D. W. Clarke (Physiology); J. E. Cruise* (Botany); H. E. Johns* (Medical Biophysics); G. E. Macdonald (Psychology); E. A. McCulloch* (Medical Science); P. Seeman* (Pharmacology); N. Z. Stanacev (Clinical Biochemistry); A. M. Zimmerman (Zoology); Students: F. Carmichael (Pharmacology); G. Lazarowitz (Botany); J. C. Rice (Zoology); R. Whiting (Medical Biophysics).

Degree Committee: R. M. Baxter (Pharmacy); E. G. Bertram (Anatomy); H. M. Carpenter (Nursing); C. D. Dunkley (Food Sciences); L. Endrenyi (Pharmacology); J. L. Farrar (Forestry); B. S. L. Kidd (Medical Science); A. R. TenCate (Dentistry); W. Thompson (Biochemistry); M. Vranic (Physiology).

*Council members

Ph.D. Orals

Friday, May 4

Michael Brooke, Department of Educational Theory. "An Investigation of Certain Factors Contributing to Dropping Out in an Ontario Adult Basic Education Program". Thesis supervisor: Prof. A. Thomas. Round Room, Massey College. 10 a.m.

James A. Stark, Department of Music. "The Rise of Virtuoso Singing". Thesis supervisor: Prof. H. J. Oluck. Room 310, Edward Johnson Building. 4 p.m.

Shalom Gewurtz, Department of Physics. "Brillouin Scattering in Solid Argon". Thesis supervisor: Prof. B. P. Stoicheff. Room 108, 16 Hart House Circle. 10 a.m.

Michael John Hodgson, Department of Geography. "Highway Network Development and Change in the Toronto Centred Region". Thesis supervisor: Prof. R. MacKinnon. Choir Room, Massey College. 10 a.m.

L. A. Garber, Department of English. "Bloomsbury Biography". Thesis supervisor: Prof. S. P. Rosenbaum. Room 201, 65 St. George Street. 2 p.m.

Jerome Cybulski, Department of Anthropology. "SkEletal Variability Among Coastal Indian Populations". Thesis supervisor: Prof. J. E. Anderson. Choir Room, Massey College. 2 p.m.

William Wu, Department of Political Economy. "Polycommunalism and Nationalization: A Comparative Study of Bureaucratic Transition in Sarawak and Sabah". Thesis supervisor: Prof. M. Brownstone. Room 108, 16 Hart House Circle. 2 p.m.

Monday, May 7

Mrs. Elizabeth Jarvis, Department of Educational Theory. "Auditory Patterns of Primary School Children". Thesis supervisor: Prof. J. McInnes. Round Room, Massey College. 10 a.m.

Mrs. Gail Regan, Department of Educational Theory. "The Experience of the Classroom: An Action Theory Model of the Schooling Process". Thesis supervisor: Prof. A. Effrat. Room 108, 16 Hart House Circle. 2 p.m.

Miss Marlene Scardamalia, Department of Educational Theory. "Mental Processing Aspects of Two Formal Operational Tasks: A Developmental Investigation of a Quantitative Neo-Piagetian Model". Thesis supervisor: Prof. Carl Bereiter. Choir Room, Massey College. 2 p.m.

Miss Lily Chiu Ling Lee, Department of Chemistry. "The Reactions of Halite Ions in Alkaline Solution". Thesis supervisor: Prof. M. W. Lister. 128 Lash Miller Building. 2 p.m.

C. H. Iles, Department of Electrical Engineering. "Application of Freeze-Fracture to the Study of Membrane Ultrastructure". Thesis supervisor: Prof. P. Seeman. Room 201, 65 St. George Street. 10 a.m.

Mrs. Ruth Pike, Department of Educational Theory. "How Children Answer Questions about Perceived Events, Pictures and Sentences". Thesis supervisor: Prof. D. R. Olson. Choir Room, Massey College. 10 a.m.

Mrs. Irina Evreinova, Department of Slavic Languages & Literatures. "Negation in the Russian Language System". Thesis supervisor: Prof. D. G. Huntley. Room 107, 16 Hart House Circle. 10 a.m.

Hung Hay Lau, Department of Political Economy. "An Evaluation of the Economic Impact of Continental Free Trade in Used Cars on Employment in the Canadian Automobile Industry". Thesis supervisor: Prof. T. A. Wilson. Round Room, Massey College. 2 p.m.

Thursday, May 10

Robert Roy Baker, Department of Biochemistry. "Metabolism of Fatty Acids in Rat Brain Phospholipids". Thesis supervisor: Prof. W. Thompson. Room 108, 16 Hart House Circle. 10 a.m.

ISC travel program

The International Student Centre has announced a summer travel program as follows:

Victoria Day weekend—May 18–22; includes three nights at the Ambassador Hotel in Washington; round trip on air-conditioned bus; guided tour of the city; cost \$50; buses leave the ISC at 7 p.m. on Friday, May 18 and return at 11 p.m. on May 22.

Make reservations immediately at ISC office between 9 and 5 as space is limited. A \$15 deposit is required.

Two additional trips are being organized:

New York City—Friday, June 29 to Tuesday, July 3; cost approximately \$55;

Montreal—Friday, Aug. 3 to Monday, Aug. 6. Book early for these trips too.

U of T professors win concrete canoe race

Two professors, Cameron Kennly, chairman of Civil Engineering, and Kenneth Selby, also of Civil Engineering, paddled a ferroconcrete canoe built by U of T students in only six hours in the middle of exam time, to first place in a fleet of 28 in an international concrete canoe contest in Indiana last Saturday.

Three U of T student teams, each paddling the same canoe, won five of eight races to average third. Their jubilation was all the greater when they learned that the University of Michigan team that won the student events was composed of naval architecture students

trained specially for the event under an Olympic bronze medalist. The U of T student teams had had only several half-hour paddles on Grenadier Pond in High Park.

The victory bodes well for the future. The canoe, weighing about 120 pounds, was far heavier and stronger than it needed to be and used only \$33 worth of materials. Prof. John Timusk, Civil Engineering, one of the inventors of the new process used to build it, estimates the cost of materials might with more time and care be reduced to half that figure. A patent has been applied for on behalf of the University.

Too late—that island hideaway is rented

Readers who responded to Farley Mowat's offer of a retreat in the Magdalen Islands, published in the *Bulletin* of April 27, will be interested in this letter from the author:

"I am inundated! Word of mouth about my place in the Maggies has already spread, and I have rented it for most

of the summer. So if you can halt the piece in the *Bulletin*, I'd be oh so happy. The world must be crazy — I have the feeling that everyone wants to go hide on an island. Crazy? No, bye — smart!"

Unfortunately, Mr. Mowat's letter arrived at the News Bureau an hour after the *Bulletin* was on its way to the University community.